

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20050122633"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 12:56
L2	9607	GMR	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 12:56
L3	23	punch adj current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:06
L4	1	nanoconstriction adj precursor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 12:58
L5	5	nanoconstriction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:12
L6	223186	precursor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 12:58
L7	1	2 and 5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 12:59
L8	1	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 12:59
L9	1	2 and 3 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:05

## EAST Search History

L10	2	2 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:05
L11	3168839	( MR or punch or current or nanocontriction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:07
L12	0	( MR or punch or current ) and nanocontriction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:08
L13	0	2 and nanocontriction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:08
L14	1	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:12
L15	20	("20020034056"   "20020054462"   "20020114111"   "20020135947"   "20020135954"   "20030048658"   "20040052009"   "20040174641"   "20050083613"   "5650958"   "5764567"   "6137662"   "6473279"   "6650513"   "6724586"   "6741433"   "6765768"   "6791806"   "6833982"   "6839205").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:13

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20050122633"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:12
L2	9607	GMR	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 12:56
L3	23	punch adj current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:06
L4	1	nanoconstriction adj precursor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 12:58
L5	5	nanoconstriction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:12
L6	223186	precursor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 12:58
L7	1	2 and 5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 12:59
L8	1	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 12:59
L9	1	2 and 3 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:05

## EAST Search History

L10	2	2 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:05
L11	3168839	( MR or punch or current or nanocontriction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:07
L12	0	( MR or punch or current ) and nanocontriction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:08
L13	0	2 and nanocontriction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:08
L14	1	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 13:12
L15	20	("20020034056"   "20020054462"   "20020114111"   "20020135947"   "20020135954"   "20030048658"   "20040052009"   "20040174641"   "20050083613"   "5650958"   "5764567"   "6137662"   "6473279"   "6650513"   "6724586"   "6741433"   "6765768"   "6791806"   "6833982"   "6839205").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:18
L16	217	360/324.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:18
L17	1	16 and 5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:19
L18	380	29/603.07.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20
L19	8	18 and 6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:49
L20	0	18 and 3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:50

## EAST Search History

L21	16938	high adj resistivity	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:51
L22	4	21 and 2 and 6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:58
L23	9	("3111380"   "3808035"   "4204893"   "4668528"   "4716130"   "4782034"   "4830982"   "5980983").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:55
L24	0	nano adj constriction	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:55
L25	367	contriction	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:55
L26	0	2 and 25 and 21	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:56
L27	0	2 and 25	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:56
L28	338	29/603.03.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:58
L29	3	28 and 21	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:58
L30	0	conductive adj constriction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:03
L31	5503	CPP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:03
L32	965	31 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:03
L33	62	32 and 21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:06

## EAST Search History

L34	1	32 and 21 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:06
L35	11	32 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:06
L36	3	21 and 2 and constriction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:14
L37	47129	constriction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:14
L38	42024	nano	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:15
L39	1	31 and 6 and 37 and 38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:15
L40	6	31 and 37 and 38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:16
L41	1	(31 same 37 same 38)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:17
L42	5695	Janusz "J." Nowak.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:17
L43	1	42 and 37 and 38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:18

## EAST Search History

L44	2	"20020051380"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:18
L45	2	"5936402".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:19
L46	2	"6198609".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:20
L47	2	"6560077".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:23
L48	433	360/324.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:23
L49	0	48 and 6 and 21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:24
L50	11	2 and 6 and 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:27
L51	62	2 and 21 and 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:35
L52	0	51 and 37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:27
L53	458	360/324.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:35

## EAST Search History

L54	0	53 and 6 and 31	US-PGPUB; USPAT; - USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/01 14:35
-----	---	-----------------	---	----	-----	------------------